

INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO.		SERIAL NO.	
				2000B028-2		CON of 09/587,766	
				APPLICANT			
				Vaughn et al.			
				FILING DATE		GROUP	
August 14, 2003		Unassigned					
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M		3,258,455	06/28/66	Natta et al.	260	93.7	
		3,305,538	02/21/67	Natta et al.	260	93.7	
		3,364,190	01/16/68	Emrick	260	93.7	
		3,645,992	02/29/72	Elston	260	80.78	
		4,076,698	02/28/78	Anderson et al.	526	348.6	
		4,243,691	01/06/81	Mohlenkamp, Jr et al.	426	649	
		4,302,565	11/24/81	Goeke et al.	526	88	
		4,310,440	01/12/82	Wilson et al.	252	435	
		4,567,029	01/28/86	Wilson et al.	423	306	
		4,659,685	04/21/87	Coleman, III et al.	502	113	
		4,861,743	08/29/89	Flank et al.	502	214	
		5,096,684	03/17/92	Guth et al.	423	306	
M		5,126,308	06/30/92	Barger et al.	502	214	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
M		199852747	08/26/99	AU (English)			
		3 524 890	07/11/85	DE			X
		060 103	09/15/82	EP (English)			
M		096 996	12/28/83	EP (English)			
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
M	"Riser Reactor", <i>Fluidization and Fluid-Particle Systems</i> , pages 48-59, F.A. Zenz and D.F. Othmer, Reinhold Corp. NY 1960.						
M	Louge, Michael, "Experimental Techniques" <i>Circulating Fluidized Beds</i> , Blackie Academic & Professional, pp.336-337 (1997)						
EXAMINER				DATE CONSIDERED			
DAM				8/14/04			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant							

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
TD		5,892,079	04/06/99	Wilson, Jr.	556	11		
TD		2,906,695	09/29/59	Boston	208	127		
TD		3,647,682	03/07/72	Rabo et al.	208	120		
TD		4,238,631	12/09/80	Daviduk et al.	585	469		
TD		4,419,221	12/06/83	Castagnos, Jr. et al.	208	113		
TD		4,440,871	04/03/84	Lok et al.	502	214		
TD		4,499,327	02/12/85	Kaiser	585	640		
TD		4,613,721	09/23/86	Kaiser	585	643		
TD		4,677,242	06/30/87	Kaiser	585	638		
TD		4,677,243	06/30/87	Kaiser	585	638		
TD		4,752,651	06/21/88	Kaiser	585	640		
TD		4,861,938	08/29/89	Lewis et al.	585	640		
TD		5,095,163	03/10/92	Barger	585	640		
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
TD		882 692	12/09/98	EP			X	
		WO 97/36845	10/09/97	PCT (English)				
		WO 99/15482	04/01/99	PCT (English)				
TD		WO 00/32543	06/08/00	PCT (English)				
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)								
TD		Meier et al., Atlas of Zeolite Structure Types, 4th ed., (1996).						
TD		Blackwell and Patton, J.Phys. Chem., 92, pp. 3965-3974 (1988.)						
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
M		5,157,181	10/20/92	Stine et al.	585	329		
		5,191,141	03/02/93	Barger et al.	585	640		
		5,278,345	01/11/94	Janssen et al.	585	640		
		5,475,182	12/12/95	Janssen	585	640		
		5,714,662	02/03/98	Vora et al.	585	640		
		5,714,663	02/03/98	Serrand et al.	585	648		
M		5,744,680	04/28/98	Mulvaney, III et al.	585	640		
M		5,817,906	10-1998	Marker et al.	585	640		
M		5,904,880	05/18/99	Sun	252	373		
		5,912,393	06/15/99	Barger et al.	585	640		
		5,914,433	06/22/99	Marker	585	313		
		5,927,063	07/27/99	Janda et al.	60	39.02		
		5,932,512	08/03/99	Sun	502	214		
M		5,952,538	09/14/99	Vaughn et al.	585	640		
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							YES	NO
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)								
M		"Free Fall Reactor," <i>Fluidization Engineering</i> , D. Kunii and O. Levenspiel, John Wiley & Sons, Inc., (1969).						
M		"MTO - has its time come?" Nitrogen & Methanol, No. 246, Jul-Aug 2000						
M		Barger et al., "Converting Natural Gas to Ethylene and Propylene by the UOP/Hydro MTO Process," 12 th International Zeolite Conference 1999 Materials Research Society p. 567-573						
M		Chang, "Methanol Conversion to Light Olefins," Catal. Rev.-Sci. Eng., 26(3&4), 323-345 (1984)						
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TD		5,962,762	10-1999	Sun et al.	585	640		
TD		5,972,203	10/26/99	Smith et al.	208	113		
		6,005,155	12/21/99	Sun	585	640		
		6,023,005	02/08/00	Lattner et al.	585	639		
		6,040,264	03/21/00	Sun et al.	502	214		
		6,046,371	04/04/00	Wu et al.	585	638		
TD		6,051,745	04/18/00	Wu et al.	585	638		
TD		6,051,746	04/18/00	Sun et al.	585	639		
		6,057,261	05/02/00	Sun	502	341		
		6,121,503	09/19/00	Janssen et al.	585	640		
		6,121,504	09/19/00	Kuechler et al.	585	640		
		6,137,022	10/24/00	Kuechler et al.	585	638		
TD		6,166,282	12/26/00	Miller	585	638		
TD		6,187,983	02-2001	Sun	585	638		
TD		6,245,703	06-2001	Kuechler et al.	502	22		
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)								
TD		Kaeding et al., "Production of Chemicals from Methanol," Journal of Catalysis 61, 155-164 (1980)						
TD		Marchi et al., "Catalytic Conversion of Methanol to Light Alkenes on SAPO Molecular Sieves," Applied Catalysis, 71 (1991) 139-152						
TD		Liang et al., "Characteristics and Performance of SAPO-34 Catalyst for Methanol-to-Olefin Conversion," Applied Catalysis, 64 (1990) 31-40						
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